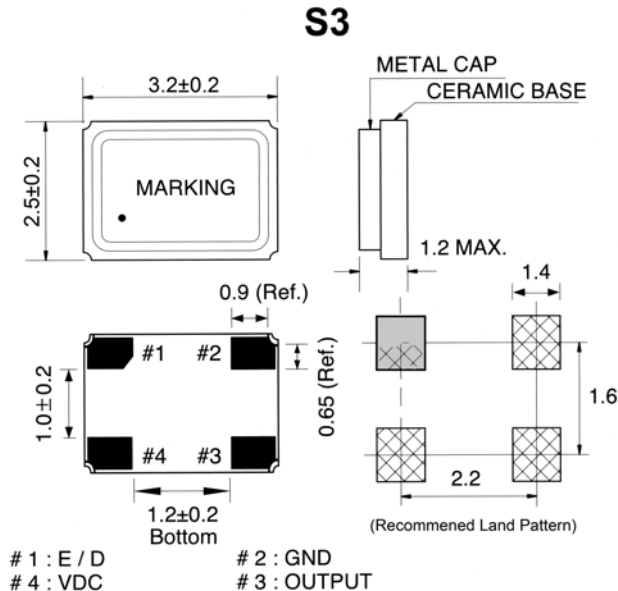


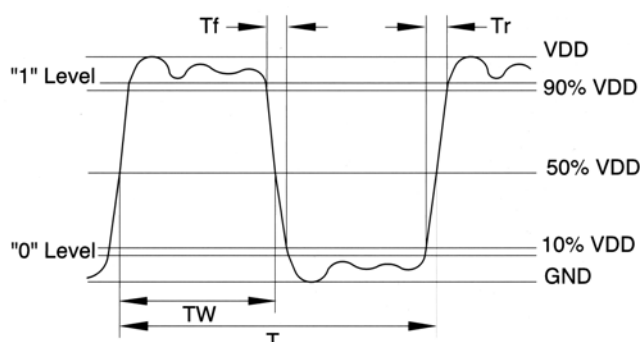
● SPECIFICATION

Model	OSC-S3 Series		
Frequency range	1.000 ~ 50.000 MHz		
Storage temperature range	- 55°C ~ +125°C		
Operating temperature range	-10°C ~ +70°C, -40°C ~ +85°C		
Frequency stability	±20ppm ~ ±100ppm		
Power supply voltage	3.3V DC ±10%	2.5V DC ±5%	1.8V DC ±5%
Current consumption	1.000~19.999MHz :7mA max	1.000~9.999MHz:6mA max	1.000~9.999MHz:5mA max
	20.000 ~31.999MHz:12mA max	10.000~31.999MHz:8mA max	10.000~31.999MHz:6mA max
	32.000~50.000MHz:20mA max	32.000~50.000MHz:20mA max	32.000~50.000MHz:15mA max
Output level	C-MOS		
Load	15pF max.		
Output voltage level	V _{OL} :10%V _{DD} max. / V _{OH} :90%V _{DD} min.		
Duty cycle	40%~60% at 1/2V _{DD}		
RISE / FALL TIME	1.000~50.000MHz:5nS max	1.000~50.000MHz:5nS max	1.000~19.999MHz :7nS max
			20.000~50.000MHz:6nS max
AGING	±3ppm/Year		

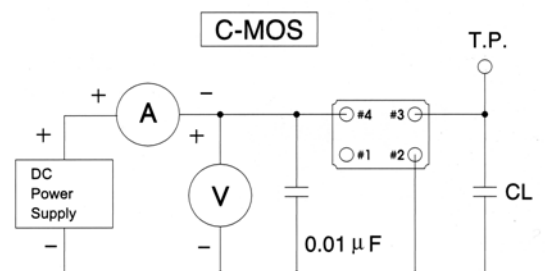
● DIMENSION (mm)



● OUTPUT WAVEFORM



● TEST CIRCUIT



*** Because s3 series has no by pass capacitor.
So, we recommend our customer to use capacitor 0.01μF
in join Vcc and GND.